

STATEMENT OF THE CLAIMS

1-8 (withdrawn)

9 (canceled)

10-25 (withdrawn)

26-29 (canceled)

30-34 (withdrawn)

35-40 (canceled)

41. (Previously presented) A method for treating a varicose vein, comprising:

- a) delivering a first catheter having an occlusion element coupled at a distal end thereof through an incision and up the varicose vein;
- b) causing the occlusion element to occlude the varicose vein; and
- c) dispensing a sclerosing agent proximal to the occlusion element.

42. (Previously presented) A method according to claim 41, wherein:

 said occlusion element is a balloon, and said causing the occlusion element to occlude comprises causing said balloon to expand.

43. (Previously presented) A method according to claim 41, wherein:
said occlusion element is self-expanding.

44. (Previously presented) A method according to claim 43, further comprising:
d) providing a second catheter over said first catheter and over said self-expanding
occlusion element.

45. (Previously presented) A method according to claim 44, wherein:
said occlusion element is a self-expanding balloon, and said expanding comprises
withdrawing said second catheter from over said self-expanding balloon.

46. (Previously presented) A method according to claim 42, wherein:
said causing said balloon to expand comprises inflating said balloon.

47-50 (canceled)